

Potential Hazardous Waste Site  
Preliminary Assessment

Brook Park Sites  
Abrams Creek  
Brook Park, Ohio 44142  
OHD980704191

Med?  
Dwy  
7-15-86

This CERCLIS listing consists of at least four different sites - Caraven Packaging property, Brook Park City Landfill, Airport Landfill, and Naiman Corp. property, used for dumping of fired and unfired foundry sand intermingled with garbage, demolition debris and fly ash. The Brook Park Sites are located along Abrams Creek between the City of Berea and the Cleveland Hopkins Airport in Cuyahoga County. Abrams Creek is a tributary to the Rocky River which flows north to Lake Erie.

The eastern most site, owned by the Naiman corp., is located at the crossing of Abrams Creek by Eastland Road. This site was a dump location for the City of Brook Park but is currently the site of a warehouse. The Naiman Corp. bulldozed the dump and covered it with foundry sand from the Ford Motor Co. This foundry sand was placed up to the banks of Abrams Creek. Across the street from the Naiman Corp., another large building owned by Caraven Packaging was also built over foundry sand (source #3).

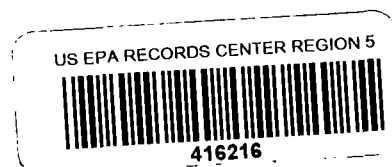
West of the Eastland Road site is the Brook Park City Landfill. Located just south of the International Exposition Center, this landfill reportedly took sanitary waste along with Ford Motor Co. foundry sand and oil soaked wooden blocks (source #2). The City of Brook Park was later requested to remove the oil soaked wooden blocks for proper disposal. Fill material at this site was placed into Abrams Creek altering its course 200 ft. to the south (source #3).

Another foundry sand dump site, the Grayton Road Landfill, is located further downstream at Grayton Road and west of the Brook Park City Landfill. This site is also listed as the Airport Landfill.

In a draft copy of the Rocky River Comprehensive Water Quality Report of 1985, the water quality of Abrams Creek was discussed. Phenolic concentrations found are thought to have originated from the Grayton Road and Brook Park Landfills. Effluent from the Middleburg and Brook Park Wastewater Treatment Plants are thought to be the major sources for other contaminants present in Abrams Creek (source #1).

Erosion of the bank of Abrams Creek at the above sites has caused foundry sand and other dumped materials to enter the creek's water course. The City of Brook Park was asked to remove any foundry sand and fly ash within the drainage course of Abrams Creek. These materials were to be regraded to a 4:1 slope, covered with two feet of clay, compacted, and vegetated to prevent further erosion (source #4).

The geology of the general area Abrams Creek traverses, consists of impermeable deposits of clay overlying shale or shaley sandstone. This is a very poor area for groundwater. The water supply for the area is supplied by the City of Cleveland.



Even though foundry sand and fly ash has entered Abrams Creek in the past, wastewater treatment plant discharges may be responsible for current contamination. It is therefore recommended that this group of sites receive a low priority for both State/FIT activities.

Submitted by: Phil Rhodes, OEPA, DSHWM, NEDO  
Received by: Gary Gifford, OEPA, DSHWM, NEDO

May 30, 1986

1165T/3-4



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
OH 980704191

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER			
Brook Park Sites	Abrams Creek			
03 CITY	04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE
Brook Park	OH	44142	Cuyahoga	035
09 COORDINATES	08 CONG DIST			
LATITUDE	20			
LONGITUDE	Lakewood Quad			

10 DIRECTIONS TO SITE (Starting from nearest public road)  
Rte 71 North to Snow Rd exit. West on Snow Rd to Engle Rd.  
South on Engle Rd to Sheldon Rd. West on Sheldon Rd to Grayton Rd.

III. RESPONSIBLE PARTIES

01 OWNER (If known)	02 STREET (Business, making, residential)			
Thomas J. Coyne, Mayor City of Brook Park	6161 Engle Rd.			
03 CITY	04 STATE	05 ZIP CODE	06 TELEPHONE NUMBER	
Brook Park	OH	44142	(716) 433-1300	
07 OPERATOR (If known and different from owner)	08 STREET (Business, making, residential)			
Pete Boyas	4100 Brook Park			
09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER	
Cleveland	OH	44134	1 398-3900	

13 TYPE OF OWNERSHIP (Check one)  
☐ A. PRIVATE ☐ B. FEDERAL: \_\_\_\_\_ (Agency name)  
☐ C. STATE ☐ D. COUNTY ☒ E. MUNICIPAL  
☐ F. OTHER: \_\_\_\_\_ (Specify) ☐ G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)  
☐ A. RCRA 3001 DATE RECEIVED: \_\_\_\_\_ MONTH DAY YEAR  
☐ B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: \_\_\_\_\_ MONTH DAY YEAR  
☒ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION	BY (Check all that apply)			
<input checked="" type="checkbox"/> YES DATE 4.8.81 <input type="checkbox"/> NO MONTH DAY YEAR	<input checked="" type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify) CONTRACTOR NAME(S) ASEPA - EDO			

02 SITE STATUS (Check one)	03 YEARS OF OPERATION
<input type="checkbox"/> A. ACTIVE <input checked="" type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN	UK 1 21983 BEGINNING YEAR ENDING YEAR

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED  
Ford Motor Company; fire and unfired foundry sand, mill pond slurry

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION  
Groundwater (pop/env)  
Surface water (pop/env)

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one: if high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)
<input type="checkbox"/> A. HIGH (Inspection required promptly) <input type="checkbox"/> B. MEDIUM (Inspection required) <input checked="" type="checkbox"/> C. LOW (Inspect on time available basis) <input type="checkbox"/> D. NONE (No further action needed - complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT	02 OF (Agency Organization)	03 TELEPHONE NUMBER
Gary Gifford	OEPA - NEDU	216 425-9171
04 PERSON RESPONSIBLE FOR ASSESSMENT	05 AGENCY	06 ORGANIZATION
Ph. I. Rhader	OEPA - NEDU	216 425-9171
	07 TELEPHONE NUMBER	08 DATE
		5.20.86 MONTH DAY YEAR





POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE

02 SITE NUMBER

CH 980 704 191

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☐ A GROUNDWATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED

~175,000

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

Geology:  
Impervious deposits, basically clay overlying shale or shaley sandstone.  
Very poor area for groundwater.

01 ☒ B SURFACE WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED

02 ☐ OBSERVED (DATE 1978)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☒ ALLEGED

Foundry sand placed directly in contact with Abrams Creek.  
Phone memo from F.R. Mueller to R. Korpanty stated foundry sand  
in the creek and on creek bed.

01 ☐ C CONTAMINATION OF AIR

03 POPULATION POTENTIALLY AFFECTED

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS

03 POPULATION POTENTIALLY AFFECTED

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ E DIRECT CONTACT

03 POPULATION POTENTIALLY AFFECTED

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ F CONTAMINATION OF SOIL

03 AREA POTENTIALLY AFFECTED: \_\_\_\_\_

(ACROSS)

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

foundry sand landfilled

01 ☐ G DRINKING WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED

0

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

Area served by municipal water supply

01 ☐ H WORKER EXPOSURE/INJURY

03 WORKERS POTENTIALLY AFFECTED

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ I POPULATION EXPOSURE/INJURY

03 POPULATION POTENTIALLY AFFECTED

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
04 0980704191

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

UK

01 ☐ K. DAMAGE TO FAUNA  
04 NARRATIVE DESCRIPTION (include name(s) of species)

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

UK

01 ☐ L. CONTAMINATION OF FOOD CHAIN  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

UK

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES  
(Spills/runoff/standing liquids/leaking drums)

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED \_\_\_\_\_

04 NARRATIVE DESCRIPTION

some materials placed near the banks of Abrams Creek entered the creek via erosion

01 ☐ N. DAMAGE TO OFFSITE PROPERTY  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

UK

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: 2175,000

IV. COMMENTS

V. SOURCES OF INFORMATION (Cite specific references, e.g., State Mes, sample analysis, reports)

CEPA-NEDD solid waste file: "BROOK PARK - Grayko Rd"



[illegible]